Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035352.D
Acq On : 6 Aug 2020 16:30
Operator : SY/AP
Sample : L3554-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:27:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1513666	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3707916	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3546802	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2941398	9.94	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.40%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	2.91	51	42123	0.244	ppbv #	66
4) Chloromethane	3.09	50	4459	0.046	ppbv	93
13) Ethanol	3.56	45	106618	5.021	ppbv	99
15) Acetone	3.81	43	279925	1.302	ppbv	96
17) tert-Butyl alcohol	4.27	59	16462	0.083	ppbv #	71
19) Isopropyl Alcohol	3.93	45	26855	0.197	ppbv #	75
20) Methylene Chloride	4.31	84	131369	1.499	ppbv	94
23) Vinyl Acetate	5.04	43	13251	0.064	ppbv #	21
25) Ethyl Acetate	5.67	43	73672	0.226	ppbv #	81
26) Hexane	5.66	57	100529	0.710	ppbv #	45
34) 2-Butanone	5.22	43	10933	0.060	ppbv #	23
39) 1,2-Dichloropropane	7.17	63	959034	9.461	ppbv #	23
53) Toluene	9.82	91	478620	1.757	ppbv	99
58) Ethyl Benzene	12.72	91	18291	0.050	ppbv	99
59) m/p-Xylene	13.01	91	26625	0.077	ppbv #	29
60) o-Xylene	13.71	91	96007	0.282	ppbv	96
72) 4-Ethyltoluene	15.86	105	14327	0.037	ppbv #	36
73) 1,3,5-Trimethylbenzene	16.02	105	29744	0.080	ppbv	89
74) 1,2,4-Trimethylbenzene	16.79	105	118341	0.278	ppbv #	79
79) Naphthalene	22.24	128	188874	0.576	ppbv	98
80) Naphthalene,2-methyl-	25.01	142	26487	0.355	ppbv	96

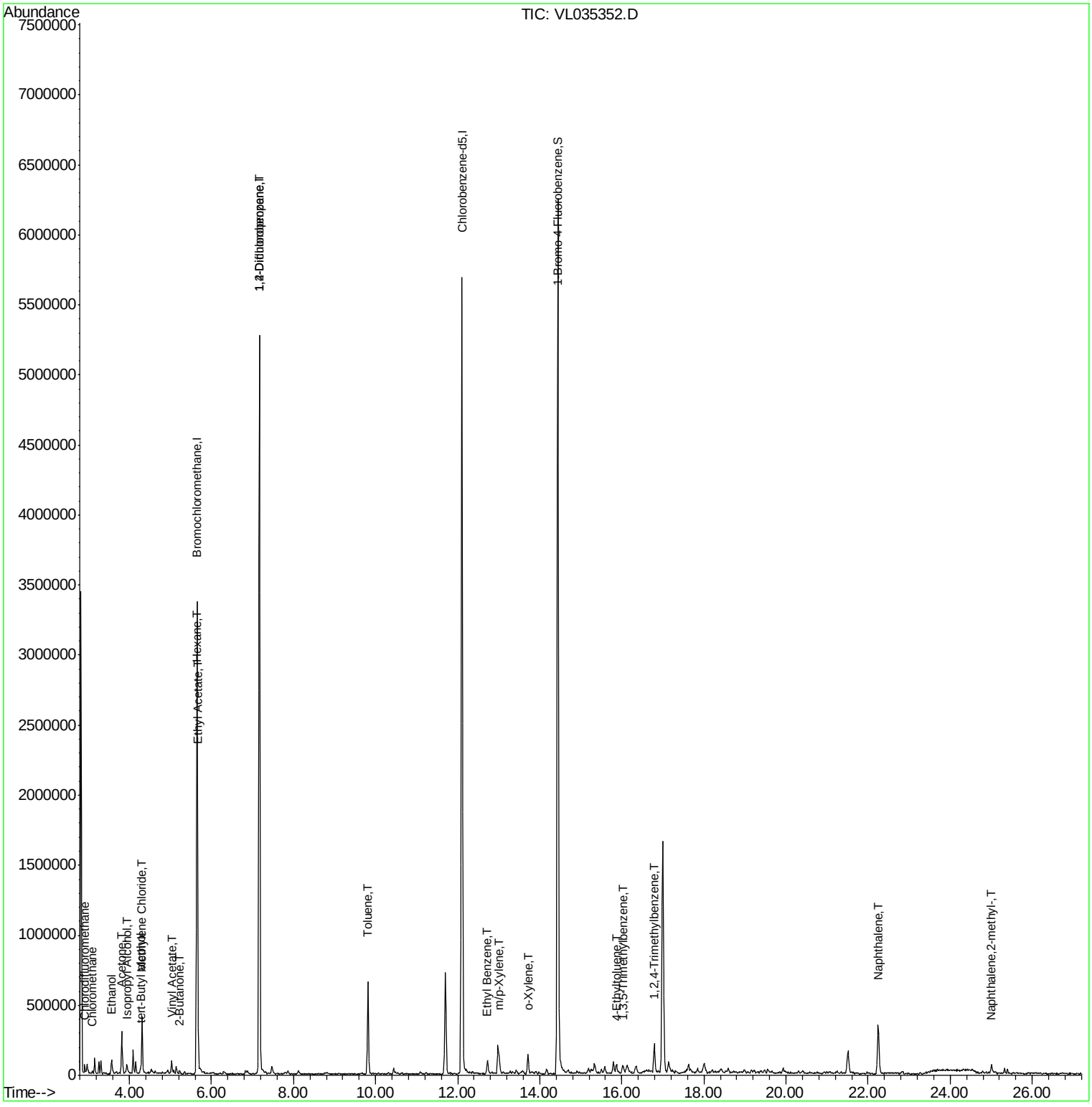
(#) = qualifier out of range (m) = manual integration (+) = signals summed

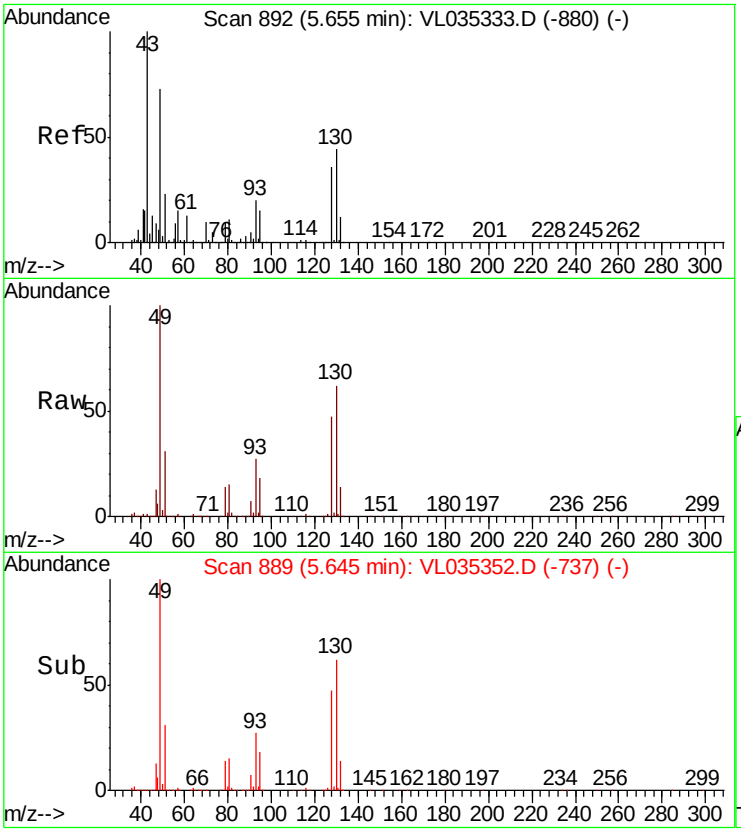
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL080620\
Data File : VL035352.D
Acq On : 6 Aug 2020 16:30
Operator : SY/AP
Sample : L3554-07DL 10X
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 07 06:27:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL080520AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 05 13:04:46 2020
QLast Update : Wed Aug 05 13:04:46 2020
Response via : Initial Calibration



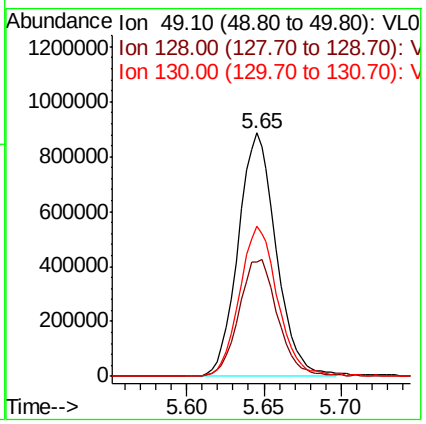


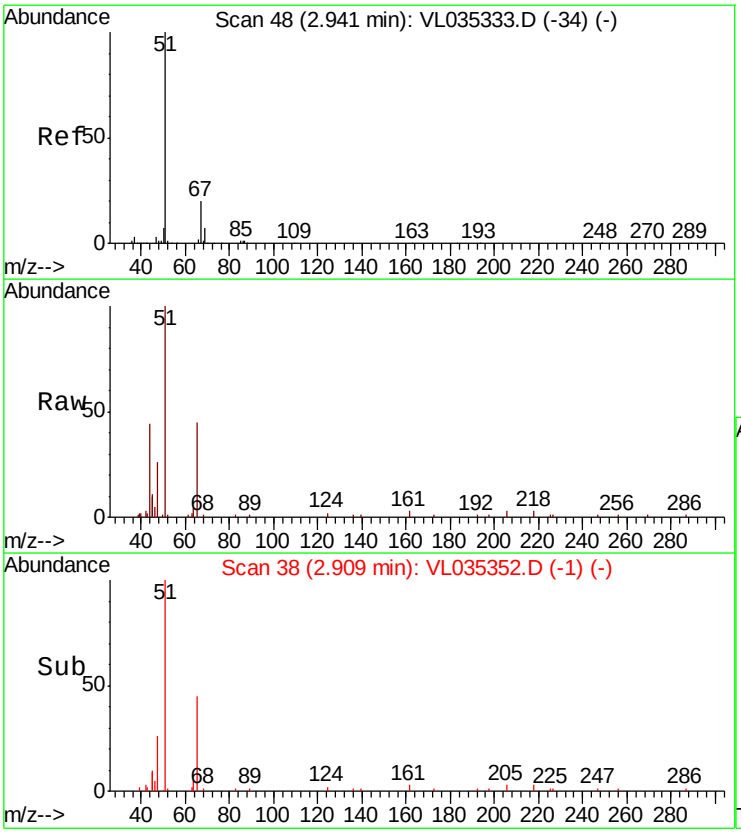
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 49 Resp: 1513666

Ion	Ratio	Lower	Upper
49	100		
128	49.4	25.4	76.0
130	62.4	32.1	96.3

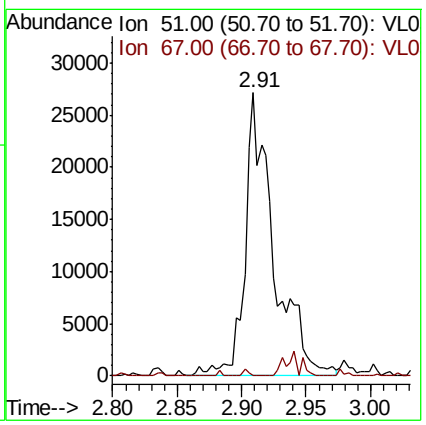


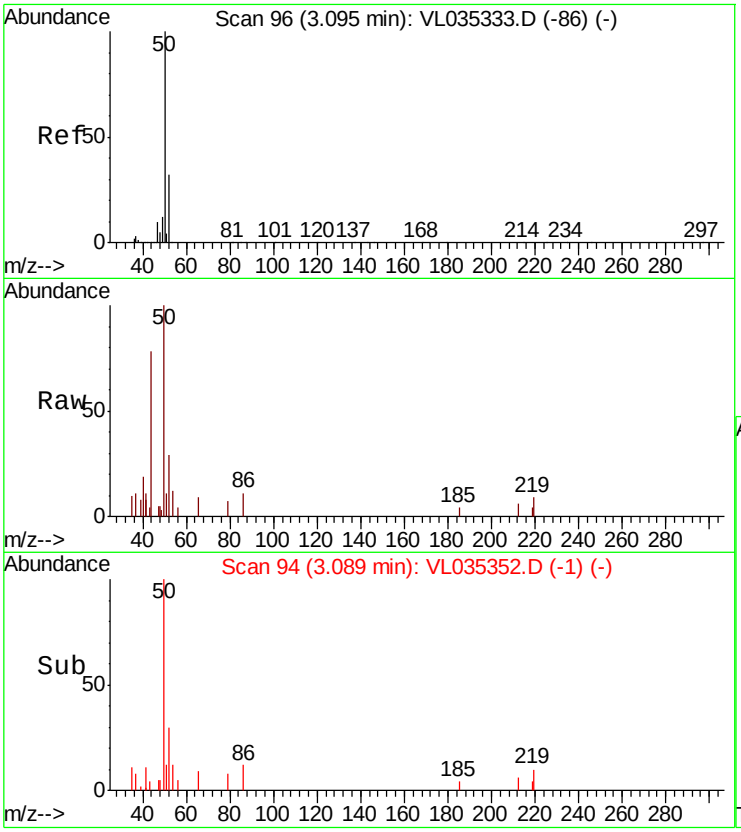


#3
Chlorodifluoromethane
Concen: 0.244 ppbv
RT: 2.91 min Scan# 38
Delta R.T. -0.03 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 51 Resp: 42123

Ion	Ratio	Lower	Upper
51	100		
67	4.8	16.6	25.0#



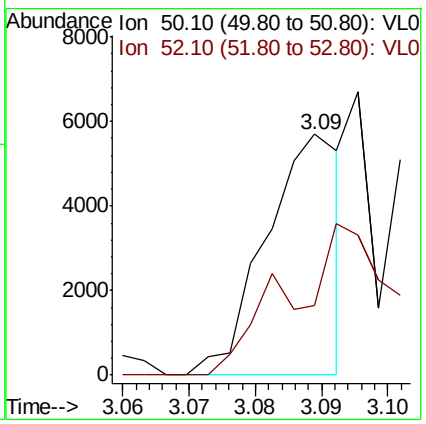


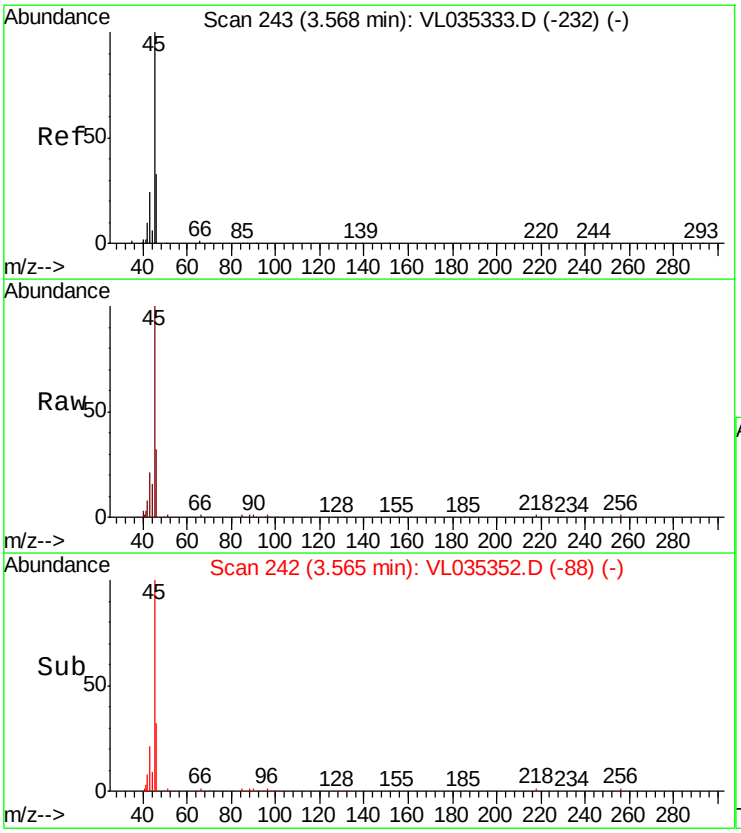
#4
Chloromethane
Concen: 0.046 ppbv
RT: 3.09 min Scan# 94
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 50 Resp: 4459

Ion	Ratio	Lower	Upper
50	100		
52	28.8	26.0	39.0

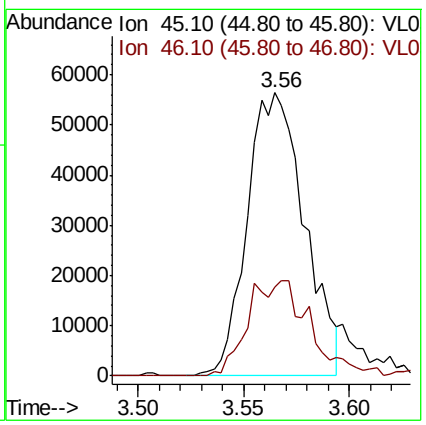


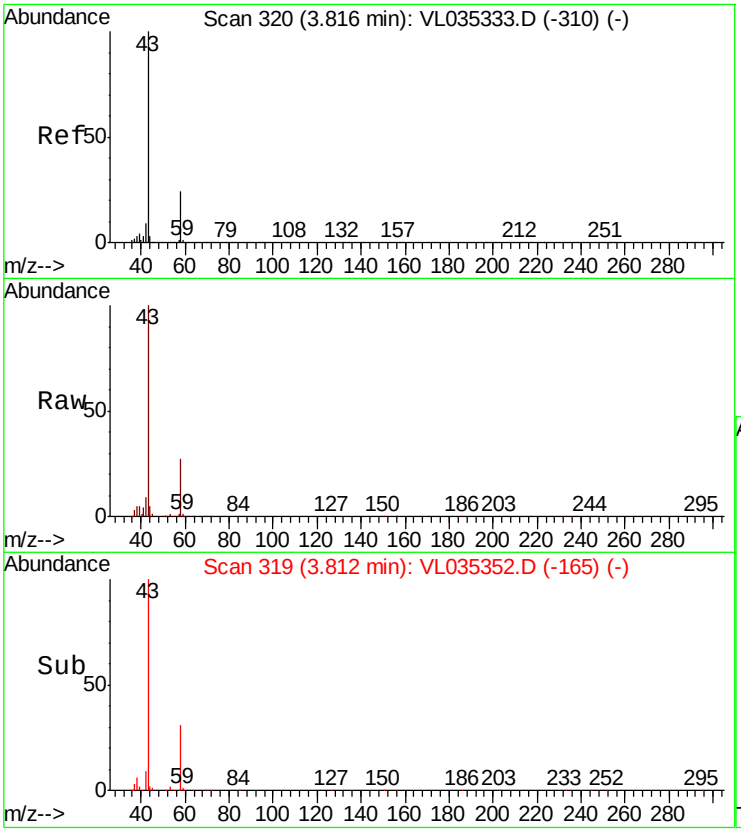


#13
Ethanol
Concen: 5.021 ppbv
RT: 3.56 min Scan# 242
Delta R.T. -0.00 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 45 Resp: 106618

Ion	Ratio	Lower	Upper
45	100		
46	37.2	15.2	61.0



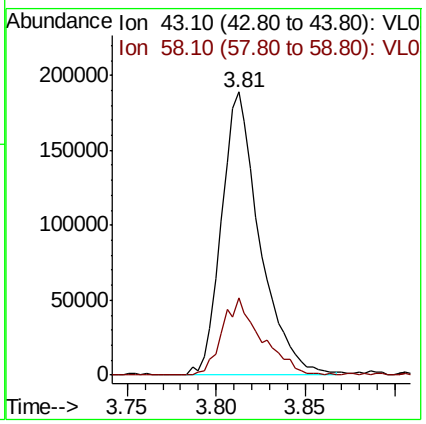


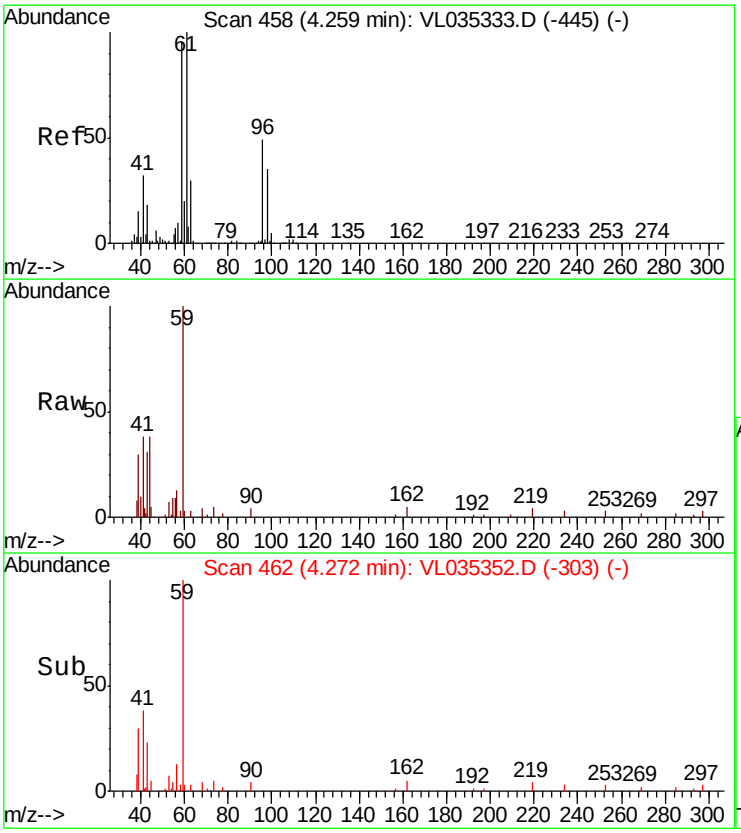
#15
Acetone
Concen: 1.302 ppbv
RT: 3.81 min Scan# 319
Delta R.T. -0.00 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 279925

Ion	Ratio	Lower	Upper
43	100		
58	28.4	21.0	31.4

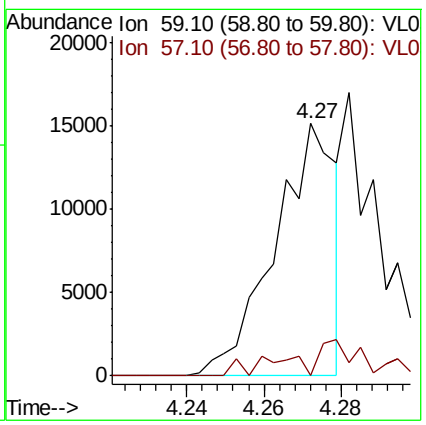


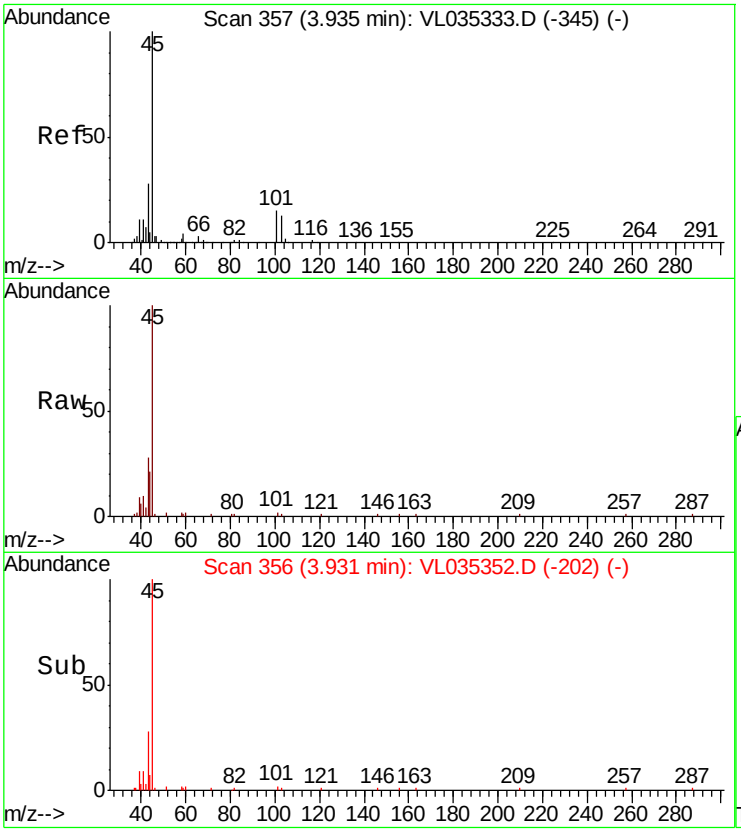


#17
tert-Butyl alcohol
Concen: 0.083 ppbv
RT: 4.27 min Scan# 462
Delta R.T. 0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 59 Resp: 16462

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



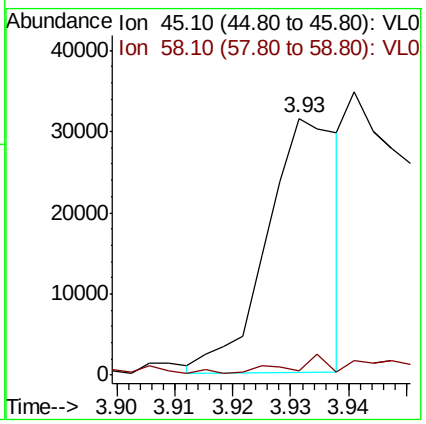


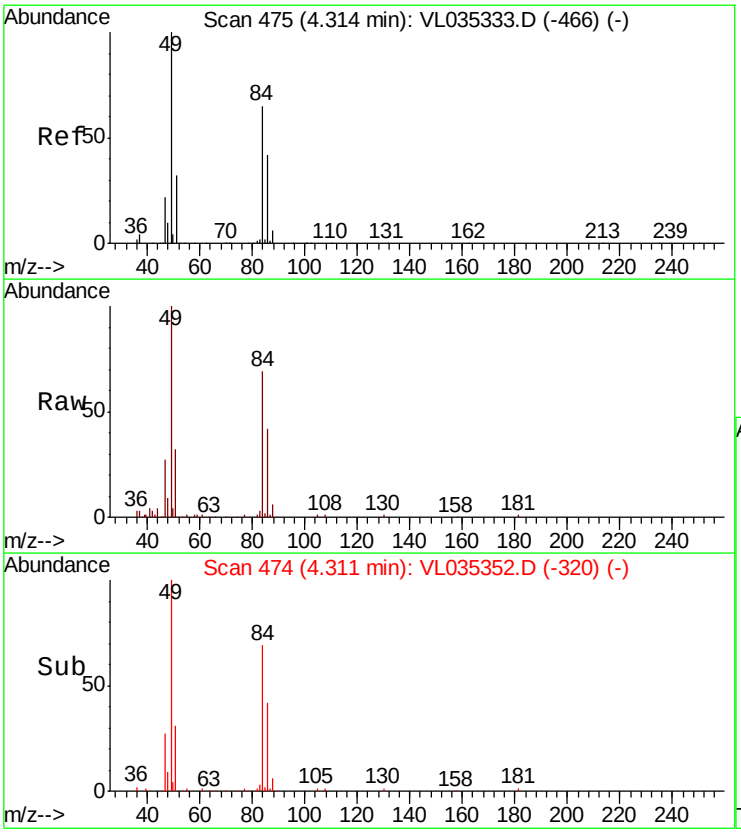
#19
Isopropyl Alcohol
Concen: 0.197 ppbv
RT: 3.93 min Scan# 356
Delta R.T. -0.00 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 45 Resp: 26855

Ion	Ratio	Lower	Upper
45	100		
58	11.0	1.9	2.9#

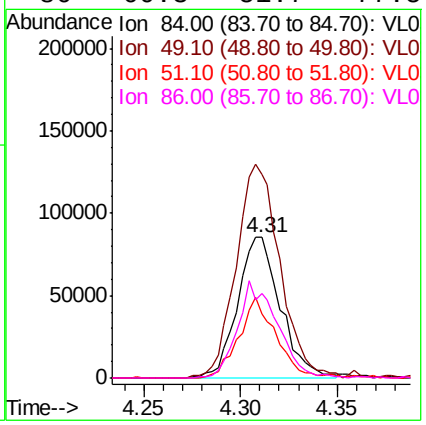


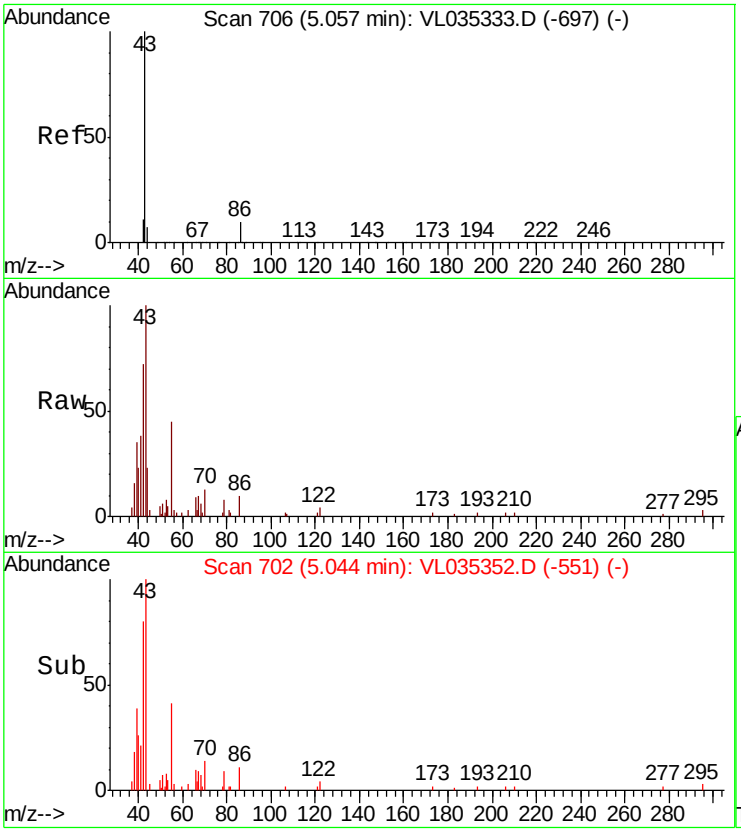


#20
Methylene Chloride
Concen: 1.499 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 84 Resp: 131369

Ion	Ratio	Lower	Upper
84	100		
49	144.6	122.8	184.2
51	45.9	40.1	60.1
86	60.3	51.7	77.5



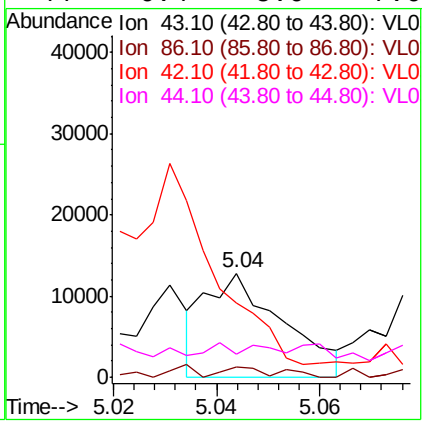


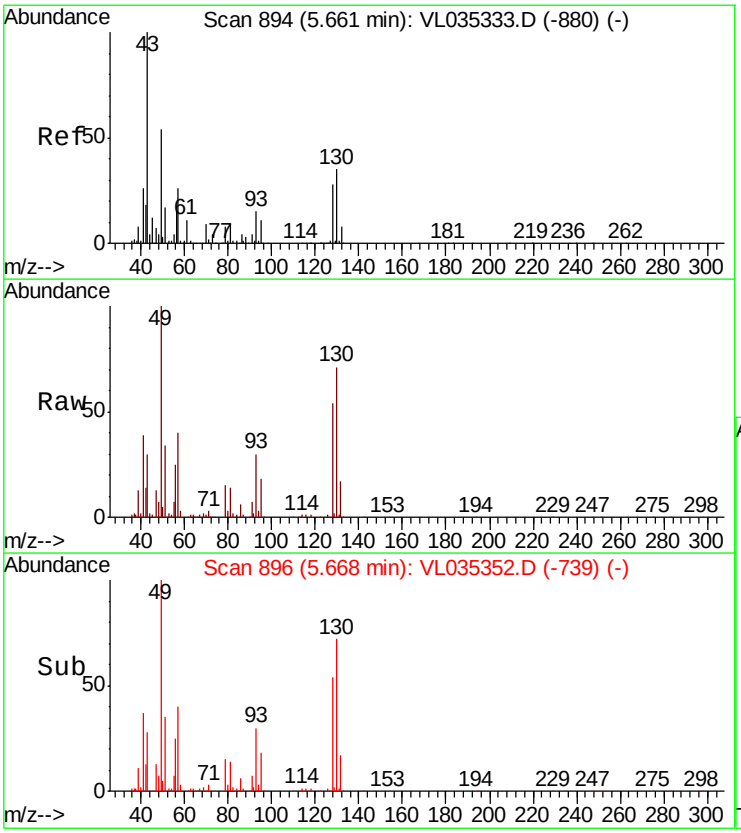
#23
Vinyl Acetate
Concen: 0.064 ppbv
RT: 5.04 min Scan# 702
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 13251

Ion	Ratio	Lower	Upper
43	100		
86	13.7	6.9	10.3#
42	77.0	8.8	13.2#
44	6.4	5.0	7.6

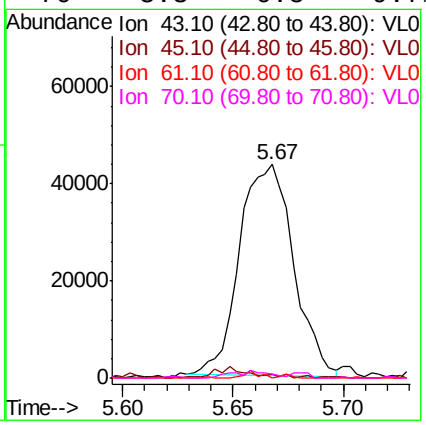


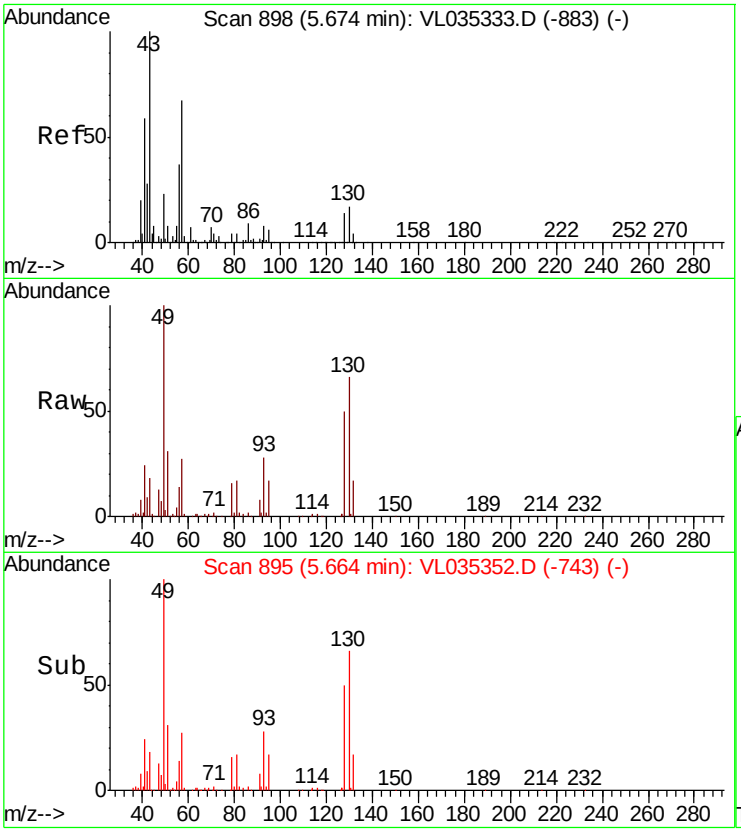


#25
Ethyl Acetate
Concen: 0.226 ppbv
RT: 5.67 min Scan# 896
Delta R.T. 0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 43 Resp: 73672

Ion	Ratio	Lower	Upper
43	100		
45	3.9	8.5	12.7#
61	1.4	8.1	12.1#
70	3.3	6.5	9.7#



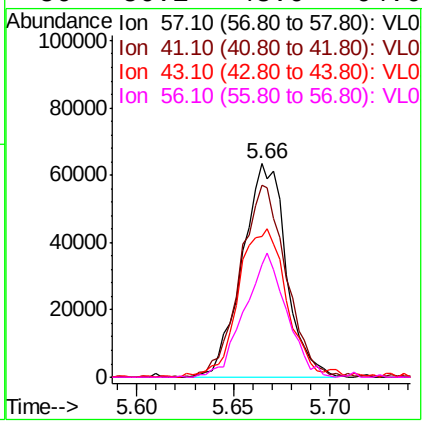


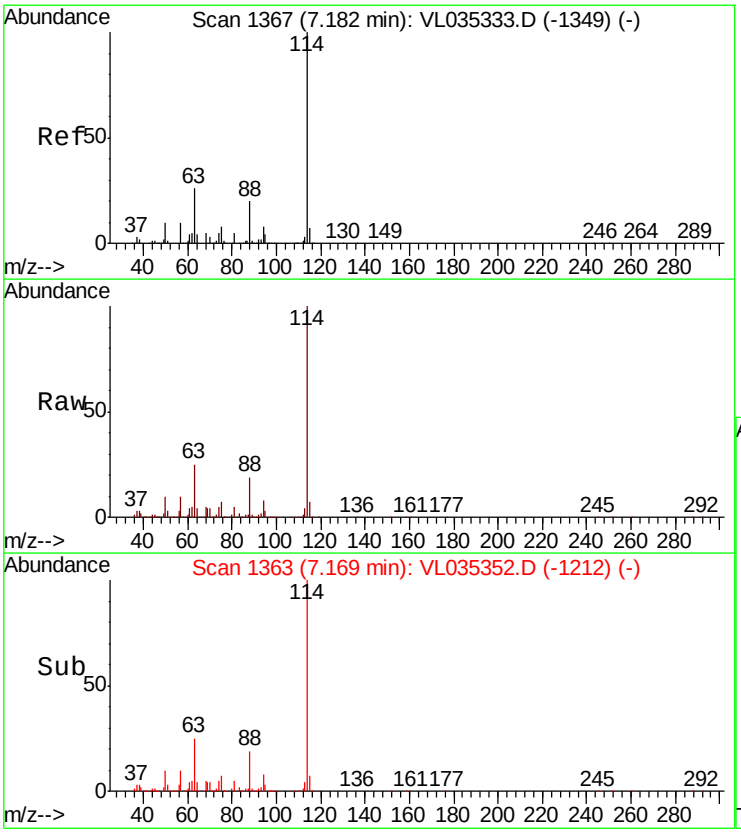
#26
Hexane
Concen: 0.710 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 57 Resp: 100529

Ion	Ratio	Lower	Upper
57	100		
41	94.6	75.2	112.8
43	77.7	180.6	270.8#
56	56.1	43.0	64.6

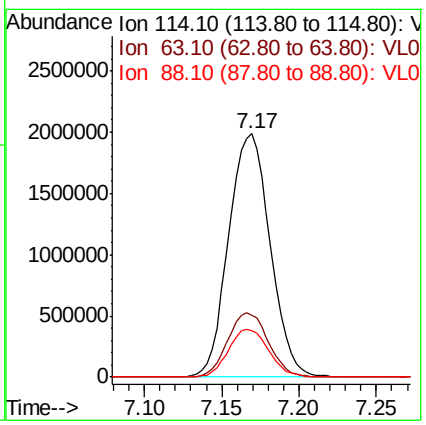


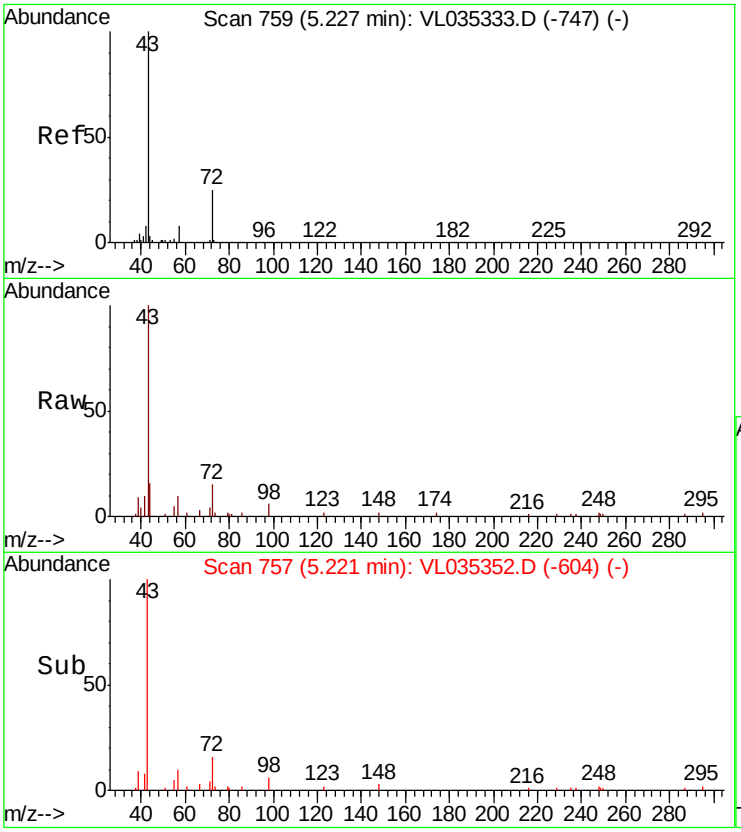


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion:114 Resp: 3707916

Ion	Ratio	Lower	Upper
114	100		
63	25.9	21.3	31.9
88	19.2	15.3	22.9



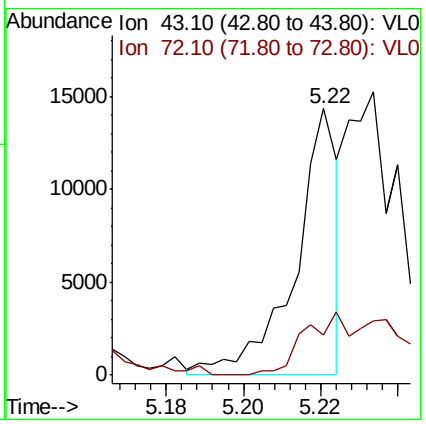


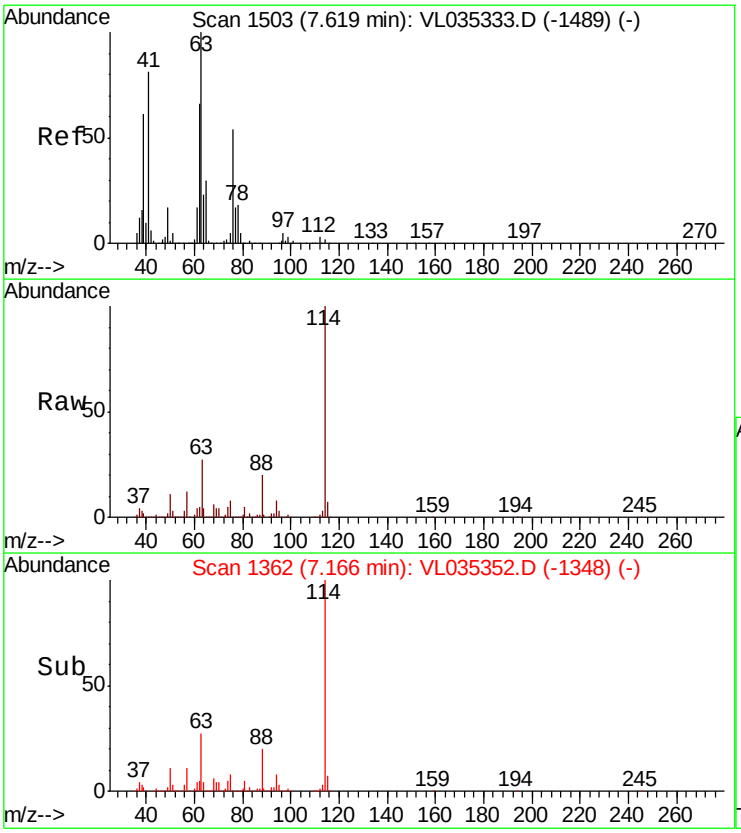
#34
2-Butanone
Concen: 0.060 ppbv
RT: 5.22 min Scan# 757
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 10933

Ion	Ratio	Lower	Upper
43	100		
72	61.2	18.9	28.3#

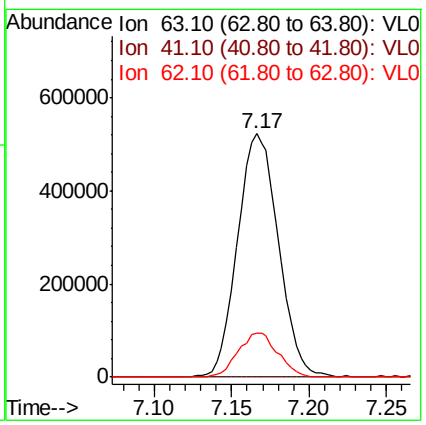


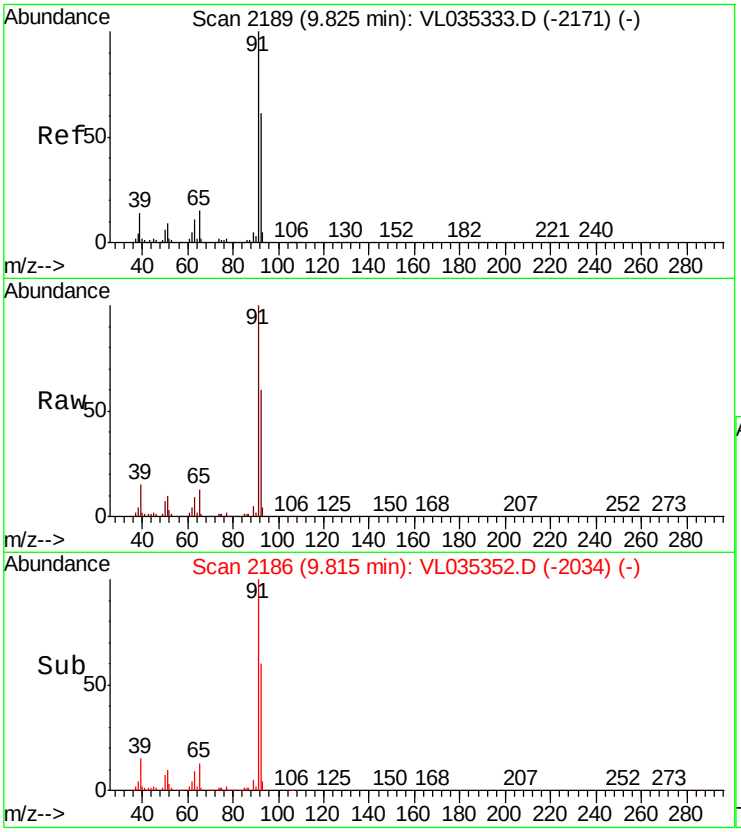


#39
1,2-Dichloropropane
Concen: 9.461 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.45 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 63 Resp: 959034

Ion	Ratio	Lower	Upper
63	100		
41	0.0	64.4	96.6#
62	17.9	52.6	78.8#



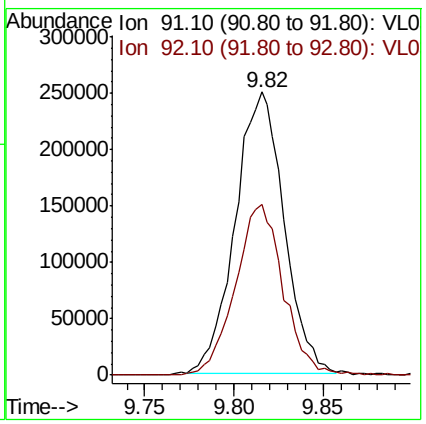


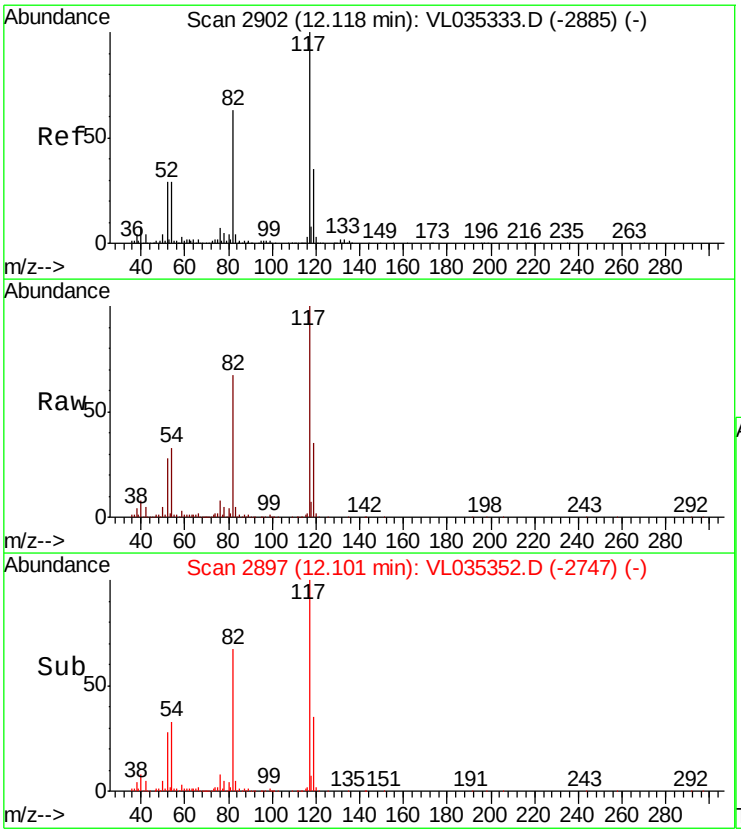
#53
Toluene
Concen: 1.757 ppbv
RT: 9.82 min Scan# 2186
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 478620

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.5	72.7

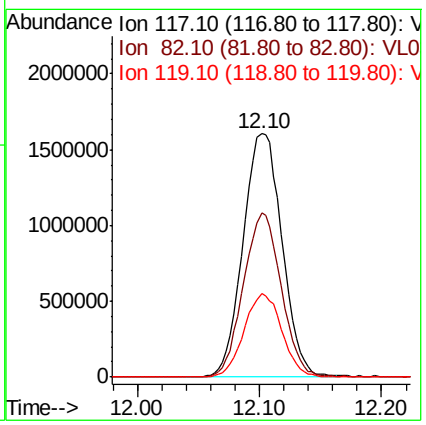


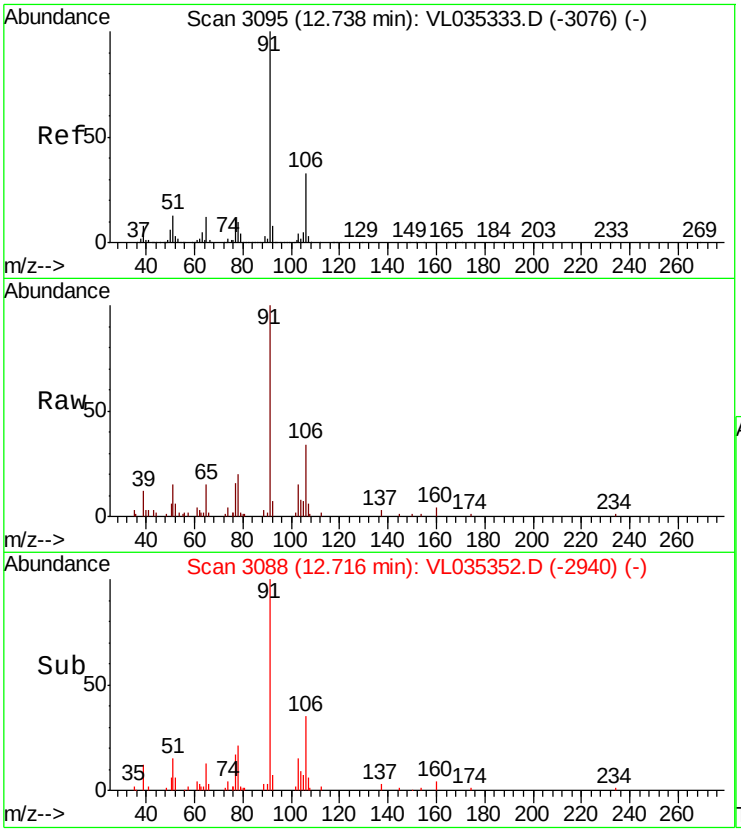


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.02 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion:117 Resp: 3546802

Ion	Ratio	Lower	Upper
117	100		
82	65.8	51.0	76.4
119	33.5	24.7	37.1



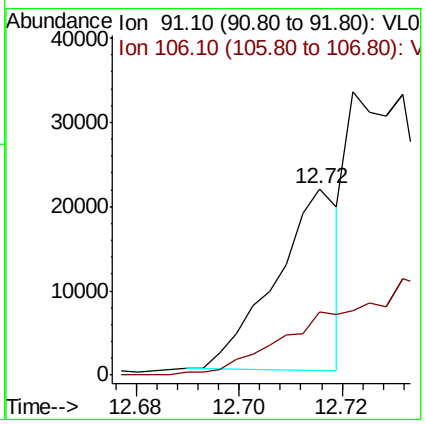


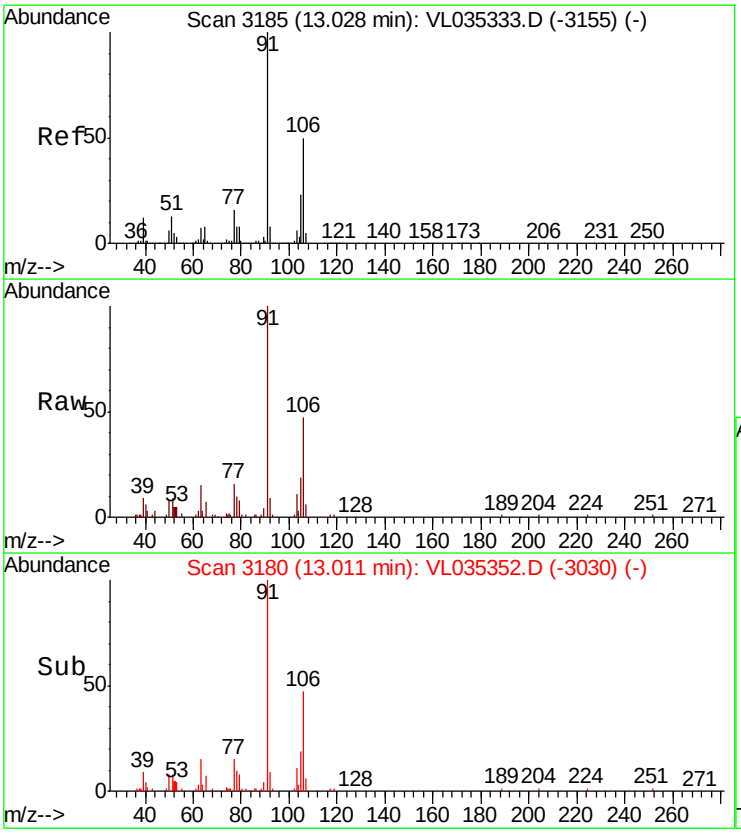
#58
Ethyl Benzene
Concen: 0.050 ppbv
RT: 12.72 min Scan# 3088
Delta R.T. -0.02 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 18291

Ion	Ratio	Lower	Upper
91	100		
106	33.8	26.8	40.2

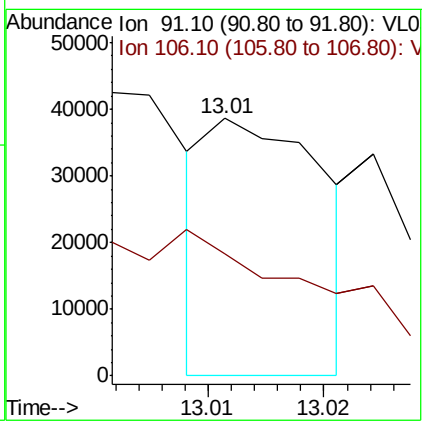


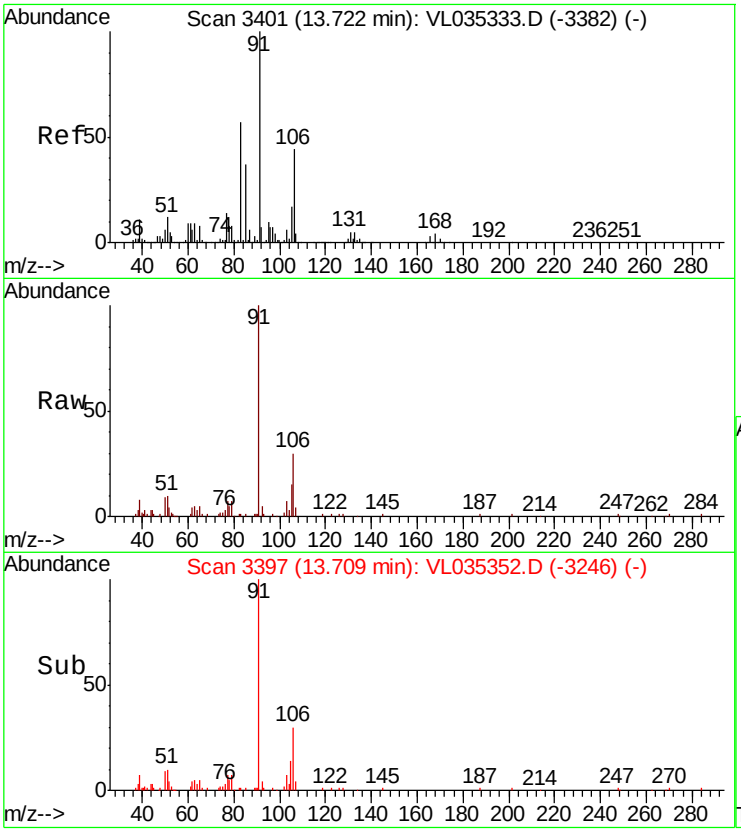


#59
m/p-Xylene
Concen: 0.077 ppbv
RT: 13.01 min Scan# 3180
Delta R.T. -0.02 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 91 Resp: 26625

Ion	Ratio	Lower	Upper
91	100		
106	0.0	37.8	56.8#



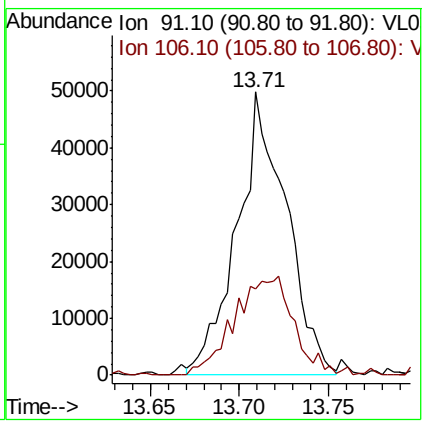


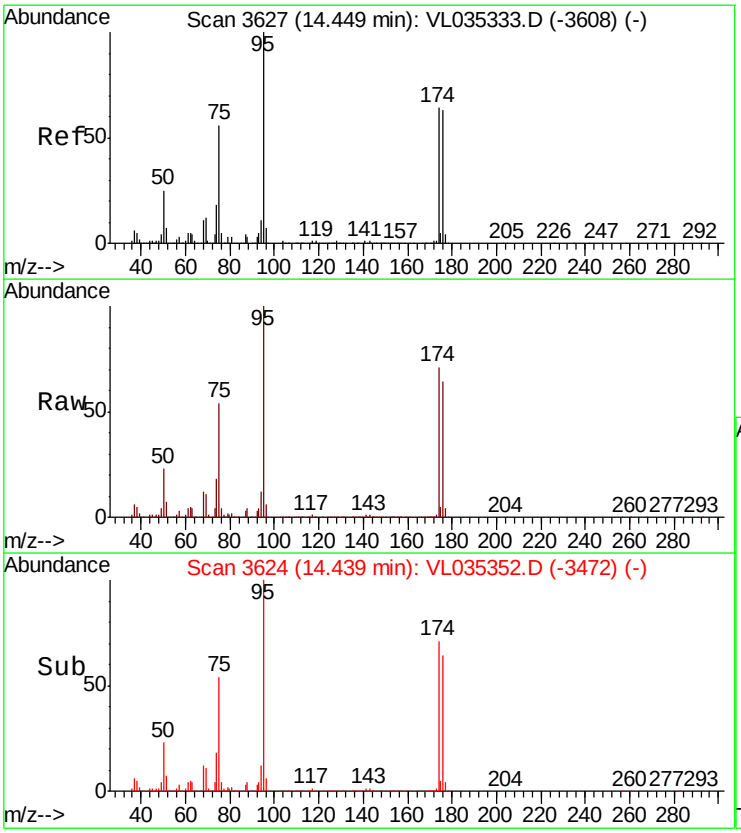
#60
o-Xylene
Concen: 0.282 ppbv
RT: 13.71 min Scan# 3397
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument : MSVOA_L
ClientSampleId :

Tgt Ion: 91 Resp: 96007

Ion	Ratio	Lower	Upper
91	100		
106	42.5	22.7	68.0

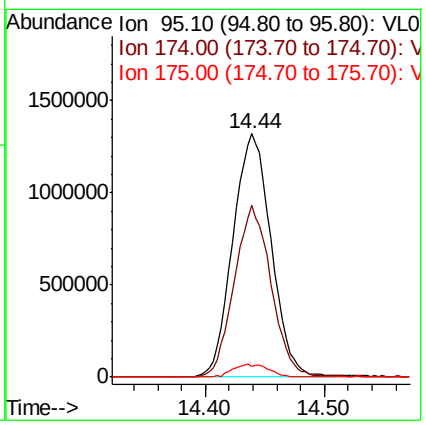


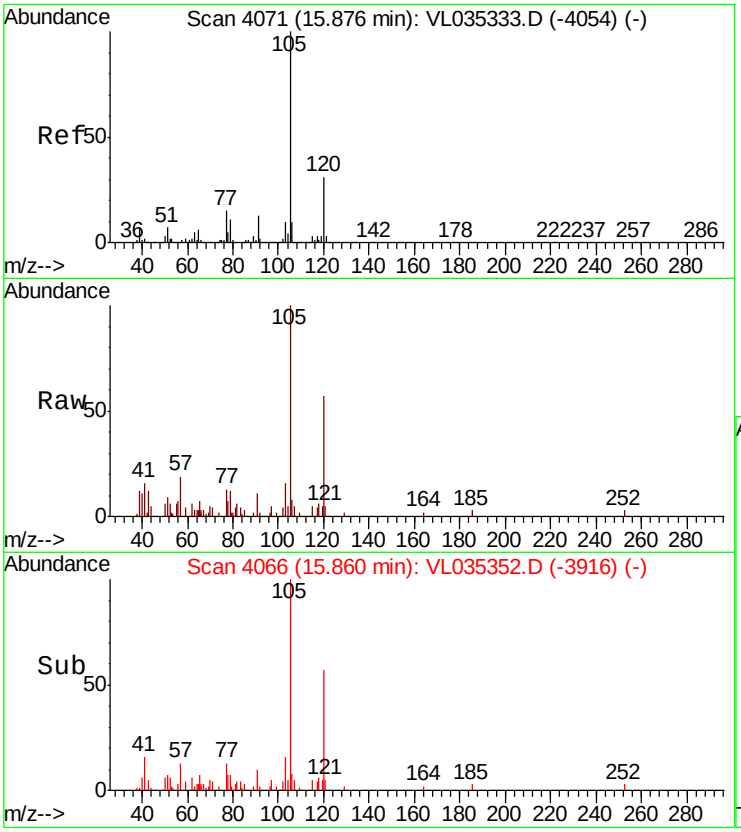


#68
1-Bromo-4-Fluorobenzene
Concen: 9.945 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion: 95 Resp: 2941398

Ion	Ratio	Lower	Upper
95	100		
174	68.1	53.5	80.3
175	5.2	4.2	6.2



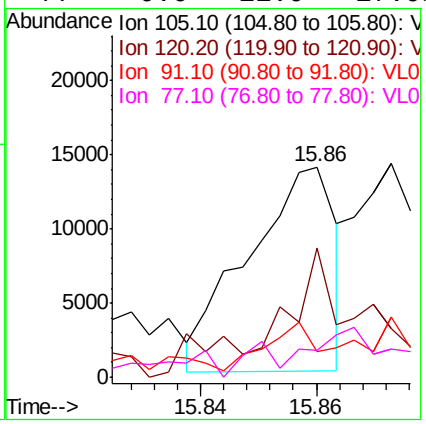


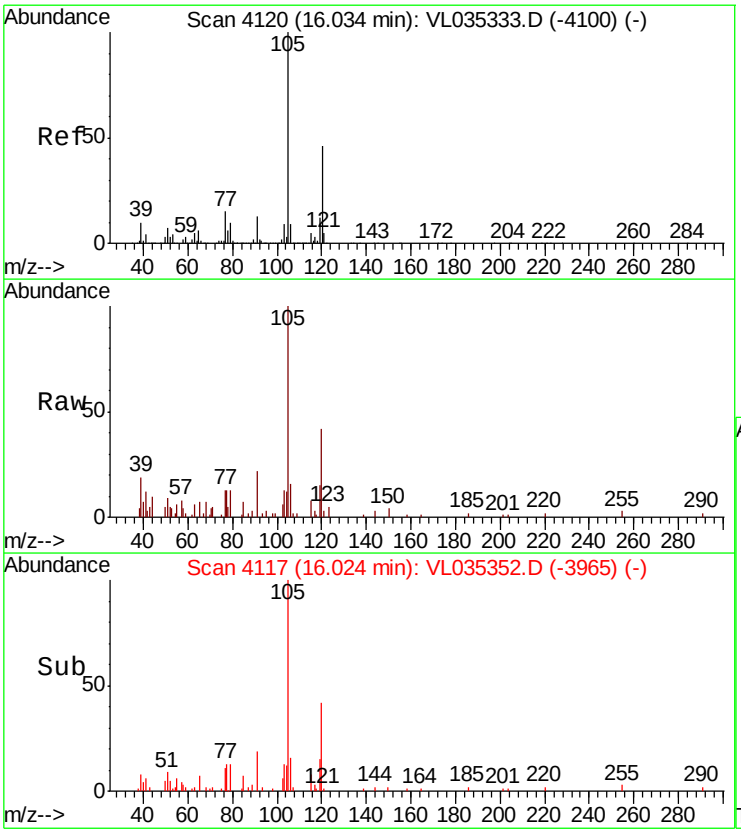
#72
4-Ethyltoluene
Concen: 0.037 ppbv
RT: 15.86 min Scan# 4066
Delta R.T. -0.02 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 14327

Ion	Ratio	Lower	Upper
105	100		
120	79.1	24.0	36.0#
91	0.0	10.8	16.2#
77	0.0	11.9	17.9#

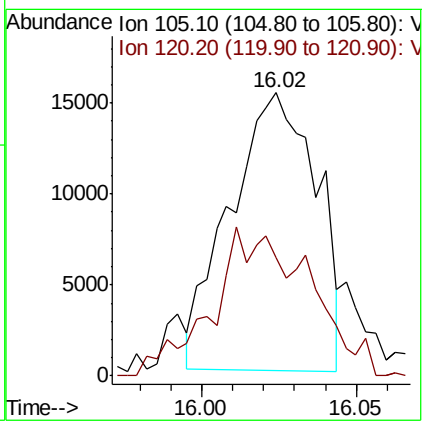


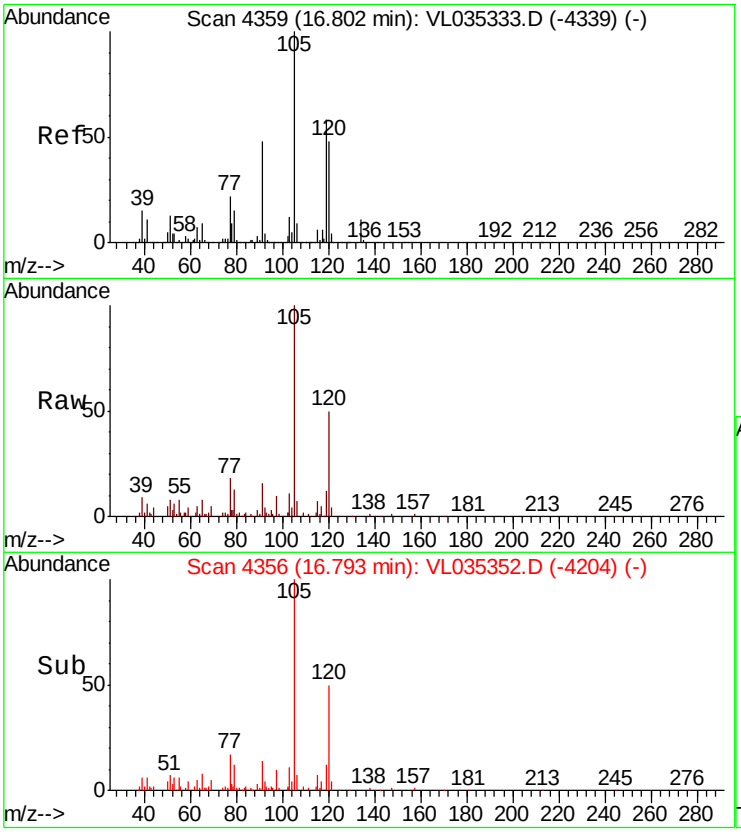


#73
1,3,5-Trimethylbenzene
Concen: 0.080 ppbv
RT: 16.02 min Scan# 4117
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion:105 Resp: 29744

Ion	Ratio	Lower	Upper
105	100		
120	38.9	36.9	55.3



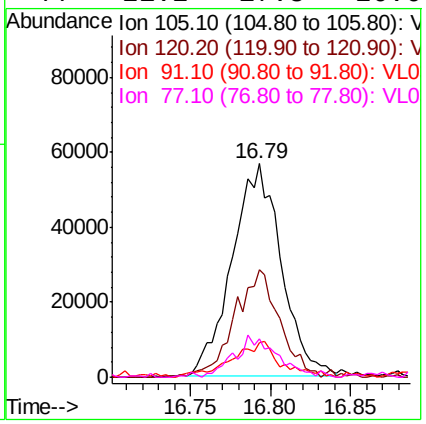


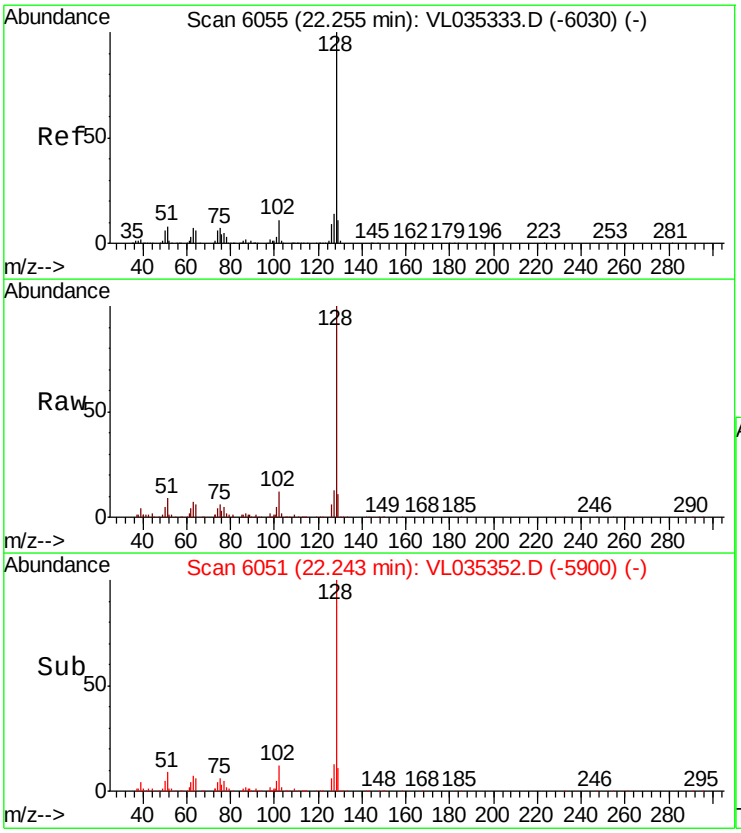
#74
1,2,4-Trimethylbenzene
Concen: 0.278 ppbv
RT: 16.79 min Scan# 4356
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:105 Resp: 118341

Ion	Ratio	Lower	Upper
105	100		
120	50.2	38.5	57.7
91	16.2	39.0	58.6#
77	21.2	17.8	26.6

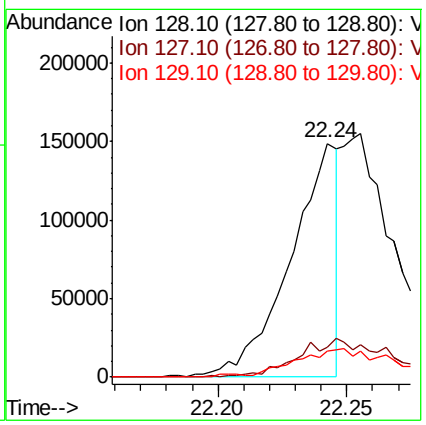


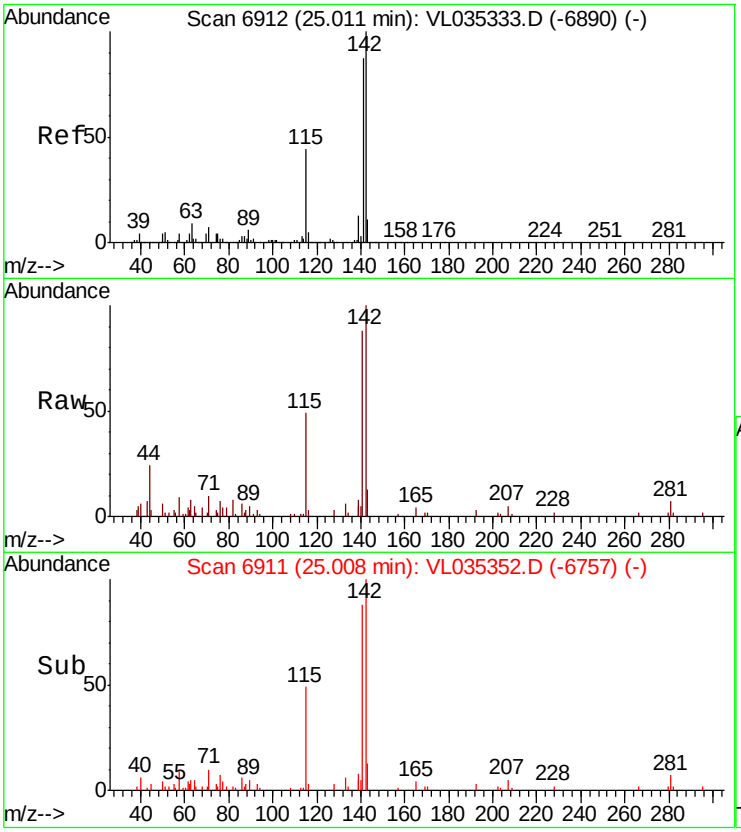


#79
Naphthalene
Concen: 0.576 ppbv
RT: 22.24 min Scan# 6051
Delta R.T. -0.01 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Tgt Ion:128 Resp: 188874

Ion	Ratio	Lower	Upper
128	100		
127	12.8	11.1	16.7
129	11.0	8.7	13.1





#80
Naphthalene,2-methyl-
Concen: 0.355 ppbv
RT: 25.01 min Scan# 6911
Delta R.T. -0.00 min
Lab File: VL035352.D
Acq: 6 Aug 2020 16:30

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion:142 Resp: 26487

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.0	103.6
115	49.0	35.5	53.3